

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/721,047A

Source: IFW16

Date Processed by STIC: 12/20/06

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 12/20/2006

PATENT APPLICATION: US/10/721,047A

TIME: 17:16:32

Input Set : A:\-1-1.APP

Output Set: N:\CRF4\12202006\J721047A.raw

```

3 <110> APPLICANT: Schneider, Luke V.
4     Hall, Michael P.
5     Petesch, Robert
6     Peterson, Jeffrey N.
7     Target Discovery, Inc.
9 <120> TITLE OF INVENTION: Polypeptide Fingerprinting Methods and
10    Bioinformatics Database System
13 <130> FILE REFERENCE: 020444-000110US
15 <140> CURRENT APPLICATION NUMBER: US 10/721,047A
16 <141> CURRENT FILING DATE: 2003-11-21
18 <150> PRIOR APPLICATION NUMBER: US 60/130,238
19 <151> PRIOR FILING DATE: 1999-04-20
21 <150> PRIOR APPLICATION NUMBER: US 09/513,907
22 <151> PRIOR FILING DATE: 2000-02-25
24 <160> NUMBER OF SEQ ID NOS: 11
26 <170> SOFTWARE: FastSEQ for Windows Version 4.0
28 <210> SEQ ID NO: 1
29 <211> LENGTH: 12
30 <212> TYPE: PRT
31 <213> ORGANISM: Artificial Sequence
33 <220> FEATURE:
34 <223> OTHER INFORMATION: 1425.7 Da peptide
36 <400> SEQUENCE: 1
37 His Ser Asp Ala Val Phe Thr Asp Asn Tyr Thr Arg
38 1          5          10
41 <210> SEQ ID NO: 2
42 <211> LENGTH: 6
43 <212> TYPE: PRT
44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: N-terminal amino acid sequence of rabbit glycogen
48    phosphorylase A
50 <400> SEQUENCE: 2
51 Ser Arg Pro Leu Ser Asp
52 1          5
55 <210> SEQ ID NO: 3
56 <211> LENGTH: 4
57 <212> TYPE: PRT
58 <213> ORGANISM: Artificial Sequence
60 <220> FEATURE:
61 <223> OTHER INFORMATION: N-terminal amino acid sequence of human bradykinin
63 <400> SEQUENCE: 3
64 Arg Pro Pro Gly

```

RAW SEQUENCE LISTING

DATE: 12/20/2006

PATENT APPLICATION: US/10/721,047A

TIME: 17:16:32

Input Set : A:\-1-1.APP

Output Set: N:\CRF4\12202006\J721047A.raw

```

65 1
68 <210> SEQ ID NO: 4
69 <211> LENGTH: 5
70 <212> TYPE: PRT
71 <213> ORGANISM: Artificial Sequence
73 <220> FEATURE:
74 <223> OTHER INFORMATION: N-terminal amino acid sequence of human bradykinin
76 <400> SEQUENCE: 4
77 Arg Pro Pro Gly Phe
78 1 5
81 <210> SEQ ID NO: 5
82 <211> LENGTH: 6
83 <212> TYPE: PRT
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: N-terminal amino acid sequence of human bradykinin
89 <400> SEQUENCE: 5
90 Arg Pro Pro Gly Phe Ser
91 1 5
94 <210> SEQ ID NO: 6
95 <211> LENGTH: 7
96 <212> TYPE: PRT
97 <213> ORGANISM: Artificial Sequence
99 <220> FEATURE:
100 <223> OTHER INFORMATION: N-terminal amino acid sequence of rabbit glycogen
101 phosphorylase A
W--> 103 <221> NAME/KEY: MOD_RES
104 <222> LOCATION: (1)...(1)
105 <223> OTHER INFORMATION: Xaa = acetyl-Ser
W--> 107 <400> 6
W--> 108 Xaa Arg Pro Ser Leu Asp Gln
109 1 5
112 <210> SEQ ID NO: 7
113 <211> LENGTH: 9
114 <212> TYPE: PRT
115 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: PITC-labeled bradykinin
W--> 120 <221> NAME/KEY: MOD_RES
121 <222> LOCATION: (1)...(1)
122 <223> OTHER INFORMATION: Xaa = Arg modified by phenylisothiocyanate (PITC)
W--> 124 <400> 7
W--> 125 Xaa Pro Pro Gly Phe Ser Pro Phe Arg
126 1 5
129 <210> SEQ ID NO: 8
130 <211> LENGTH: 9
131 <212> TYPE: PRT
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:

```

RAW SEQUENCE LISTING

DATE: 12/20/2006

PATENT APPLICATION: US/10/721,047A

TIME: 17:16:32

Input Set : A:\-1-1.APP

Output Set: N:\CRF4\12202006\J721047A.raw

```

135 <223> OTHER INFORMATION: IMB-labeled bradykinin
W--> 137 <221> NAME/KEY: MOD_RES
138 <222> LOCATION: (1)...(1)
139 <223> OTHER INFORMATION: Xaa = arginine modified by iminobiotin (IMB)
W--> 141 <400> 8
W--> 142 Xaa Pro Pro Gly Phe Ser Pro Phe Arg
143 1 5
146 <210> SEQ ID NO: 9
147 <211> LENGTH: 5
148 <212> TYPE: PRT
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: SPITC-labeled horse apomyoglobin peptide
W--> 154 <221> NAME/KEY: MOD_RES
155 <222> LOCATION: (1)...(1)
156 <223> OTHER INFORMATION: Xaa = Gly modified by 4-sulphophenylisothiocyanate
157 (SPITC)
W--> 159 <400> 9
W--> 160 Xaa Leu Ser Asp Gly
161 1 5
164 <210> SEQ ID NO: 10
165 <211> LENGTH: 9
166 <212> TYPE: PRT
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: C-terminal 2-AETA-labeled bradykinin
W--> 172 <221> NAME/KEY: MOD_RES
173 <222> LOCATION: (9)...(9)
174 <223> OTHER INFORMATION: Xaa = Arg modified by
175 (2-aminoethyl)trimethylammonium
W--> 177 <400> 10
W--> 178 Arg Pro Pro Gly Phe Ser Pro Phe Xaa
179 1 5
182 <210> SEQ ID NO: 11
183 <211> LENGTH: 6
184 <212> TYPE: PRT
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: N-terminal amino acid sequence of rabbit glycogen
189 phosphorylase A
W--> 191 <221> NAME/KEY: MOD_RES
192 <222> LOCATION: (1)...(1)
193 <223> OTHER INFORMATION: Xaa = acetyl-Ser
W--> 195 <400> 11
W--> 196 Xaa Arg Pro Leu Ser Asp
197 1 5

```

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/721,047A

DATE: 12/20/2006
TIME: 17:16:33

Input Set : A:\-1-1.APP

Output Set: N:\CRF4\12202006\J721047A.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:6; Xaa Pos. 1 ✓
Seq#:7; Xaa Pos. 1 ✓
Seq#:8; Xaa Pos. 1 ✓
Seq#:9; Xaa Pos. 1 ✓
Seq#:10; Xaa Pos. 9 ✓
Seq#:11; Xaa Pos. 1 ✓

VERIFICATION SUMMARY

DATE: 12/20/2006

PATENT APPLICATION: US/10/721,047A

TIME: 17:16:33

Input Set : A:\-1-1.APP

Output Set: N:\CRF4\12202006\J721047A.raw

L:103 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:107 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:6
L:108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:6 after pos.:0
L:120 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:124 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:7
L:125 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:7 after pos.:0
L:137 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:141 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:8
L:142 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0
L:154 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:159 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9
L:160 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0
L:172 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:177 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:10
L:178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0
L:191 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:195 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:11
L:196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11 after pos.:0